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ABSTRACT OF THE DISCLOSURE

A remote data processing system facilitates monitoring of the remote data processing system. The remote data processing system receives a data message via a communications network. The remote data processing system cascades at least a first stage software component and a second stage software component to form an installed remote software module for accepting the received data message. The remote data processing system detects the data message or a derivative at a group of logical nodes within the installed remote software module to determine flow of the data message, or a derivative thereof, between the logical nodes. The remote data processing system identifies a deficient software component of the installed remote software module as any of said software stage components that blocks or disrupts the flow of the data message between two adjacent logical nodes.

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